

DETECTION METHOD FOR TRANSMITTER IDENTIFICATION INFORMATION IN DAB STREAM

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Abstract of JP 11154919 (A)

PROBLEM TO BE SOLVED: To obtain a reliable result, even when a signal to noise ratio is low, in the detection method of transmitter identification information in a null symbol of a DAB stream.

SOLUTION: The detection method of transmitter identification information, i.e., TII, in a DAB stream includes the following four steps: to obtain a spectrum of a null symbol demodulated by applying differential demodulation to a pair of TII included in a spectrum for each 2nd null symbol of a received DAB stream; to correct a phase of a carrier of the spectrum of the demodulated null symbol by a TFR phase reference code, to decide a threshold value, and to discriminate whether or not the carrier has been set by comparing a level of the carrier with a threshold level decided in a preceding step.

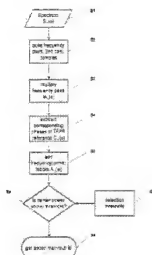


Fig. 1

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